

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|--|---|------------------|
| - | 3 | "9941752" | EPO; | 2004/09/16 16:30 |
| - | 4 | "9914160" | DERWENT EPO; | 2004/09/16 16:31 |
| - | 2 | "200115175" | DERWENT EPO; | 2004/09/16 16:33 |
| - | 4 | ("2446331" "2446339" "2446350" "6468495").pn. | DERWENT USPAT | 2004/09/16 16:35 |
| - | 4 | ("2446331" "2446349" "2446350" "6468495").pn. | USPAT | 2004/09/16 16:39 |
| - | 3 | "spent ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:42 |
| - | 0 | "recycl\$ ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:40 |
| - | 893 | "ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:52 |
| - | 274383 | recycl\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:42 |
| - | 58 | "ionic liquid\$" with recycl\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:43 |
| - | 5987 | 588/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:43 |
| - | 0 | ("ionic liquid\$" with recycl\$) and 588/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:43 |
| - | 90839 | 423/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:44 |
| - | 2 | ("ionic liquid\$" with recycl\$) and 423/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:45 |
| - | 56 | ("ionic liquid\$" with recycl\$) not (("ionic liquid\$" with recycl\$) and 423/\$.ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:45 |
| - | 54 | ((("ionic liquid\$" with recycl\$) not (("ionic liquid\$" with recycl\$) and 423/\$.ccls.)) not "spent ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:51 |

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|---|--------|---|----------------------------------|------------------|
| - | 2199 | chloroethane\$ chloromethane\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 17:11 |
| - | 1107 | "chloro ethane\$" "chloromethane\$" | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 17:12 |
| - | 2602 | (chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$") | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:55 |
| - | 394 | "ionic liquid\$" | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:16 |
| - | 0 | ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) and "ionic liquid\$" | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:53 |
| - | 22 | \$imidizol\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 14:57 |
| - | 0 | ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) and \$imidizol\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:53 |
| - | 3129 | \$ethylimidazol\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:51 |
| - | 1 | ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) and \$ethylimidazol\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:55 |
| - | 0 | ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) and "\$ethyl imidazol\$" | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:56 |
| - | 11 | "\$ethyl imidazol\$" | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:52 |
| - | 111 | \$ethylimidazolium\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:57 |
| - | 95282 | nuclear\$ fission\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 17:16 |
| - | 0 | (\$ethylimidazolium\$ with chloride\$) and (nuclear\$ fission\$) | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 16:58 |
| - | 41 | \$ethylimidazolium\$ with chloride\$ | EPO; JPO; DERWENT; IBM_TDB | 2004/09/16 17:11 |
| - | 585 | \$ethylimidazolium\$ with chloride\$ | USPAT; US-PGPUB | 2004/09/16 17:14 |
| - | 4864 | chloroethane\$ chloromethane\$ | USPAT; US-PGPUB | 2004/09/16 17:11 |
| - | 1606 | "chloro ethane\$" "chloromethane\$" | USPAT; US-PGPUB | 2004/09/16 17:12 |
| - | 4971 | (chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$") | USPAT; US-PGPUB | 2004/09/16 17:12 |
| - | 4 | ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) same (\$ethylimidazolium\$ with chloride\$) | USPAT; US-PGPUB | 2004/09/16 17:12 |
| - | 1044 | \$ethylimidazolium\$ | USPAT; US-PGPUB | 2004/09/16 17:14 |
| - | 1 | ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) same \$ethylimidazolium\$ not (((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) same (\$ethylimidazolium\$ with chloride\$)) | USPAT; US-PGPUB | 2004/09/16 17:15 |
| - | 499 | "ionic liquid\$" | USPAT; US-PGPUB | 2004/09/16 17:16 |
| - | 129044 | nuclear\$ fission\$ | USPAT; US-PGPUB | 2004/09/16 17:16 |

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|---|---------|--|---|------------------|
| - | 2 | "ionic liquid\$" same (nuclear\$ fission\$) | USPAT; US-PGPUB | 2004/09/16 17:17 |
| - | 1394510 | heat heats heating heated | USPAT; US-PGPUB | 2004/09/16 17:17 |
| - | 53 | "ionic liquid\$" with (heat heats heating heated) | USPAT; US-PGPUB | 2004/09/16 17:18 |
| - | 21 | "ionic liquid\$" and (nuclear\$ fission\$) | USPAT; US-PGPUB | 2004/09/16 17:18 |
| - | 19 | ("ionic liquid\$" and (nuclear\$ fission\$)) not ("ionic liquid\$" same (nuclear\$ fission\$)) | USPAT; US-PGPUB | 2004/09/16 17:18 |
| - | 1 | 976/DIG 379.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:47 |
| - | 1 | 976/DIG 380.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:38 |
| - | 1 | 976/DIG 381.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:38 |
| - | 1 | 976/DIG 280.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:38 |
| - | 0 | 976/DIG 280.ccls. | USOCR | 2004/09/17 11:38 |
| - | 0 | 976/DIG 381.ccls. | USOCR | 2004/09/17 11:38 |
| - | 0 | 976/DIG 380.ccls. | USOCR | 2004/09/17 11:38 |
| - | 0 | 976/DIG 379.ccls. | USOCR | 2004/09/17 11:38 |
| - | 0 | 376/308.ccls. and 376/915.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:47 |
| - | 46 | 376/915.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:47 |
| - | 199 | 376/308.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:49 |
| - | 19365 | \$ethylimidazol\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:51 |
| - | 126 | "\$ethyl imidazol\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:52 |
| - | 19423 | \$ethylimidazol\$ or "\$ethyl imidazol\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:13 |

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|---|-------|--|---|------------------|
| - | 0 | 376/308.ccls. and (\$ethylimidazol\$ or "\$ethyl imidazol\$") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:52 |
| - | 893 | "ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:53 |
| - | 0 | 376/308.ccls. and "ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:53 |
| - | 7573 | (chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:15 |
| - | 0 | 376/308.ccls. and ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:56 |
| - | 435 | 588/205,228.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:12 |
| - | 1 | 588/205,228.ccls. and (\$ethylimidazol\$ or "\$ethyl imidazol\$") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:57 |
| - | 11 | 588/205,228.ccls. and ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:58 |
| - | 423 | 588/205,228.ccls. not ((588/205,228.ccls. and (\$ethylimidazol\$ or "\$ethyl imidazol\$")) or (588/205,228.ccls. and ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:58 |
| - | 30066 | 376/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:16 |
| - | 2 | (\$ethylimidazol\$ or "\$ethyl imidazol\$") and 376/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 11:58 |
| - | 2 | ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) and 376/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 12:00 |
| - | 5 | "9806106" | EPO; DERWENT | 2004/09/17 12:02 |

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|---|-------|---|---|------------------|
| - | 294 | (BRITISH-NUCLEAR-FUELS BRITISH-NUCLEAR-FUELS-INC BRITISH-NUCLEAR-FUELS-LC BRITISH-NUCLEAR-FUELS-LIMITED BRITISH-NUCLEAR-FUELS-LTD BRITISH-NUCLEAR-FUELS-PLC BRITISH-NUCLEAR-FUELS-PLC-SPRINGFIELD-WORKS BRITISH-NUCLEAR-FUELS-PUBLIC-LIMITED-COMPANY BRITISH-NUCLEAR-FUEL-PLC).as. | USPAT; US-PGPUB | 2004/09/17 12:02 |
| - | 2 | ((BRITISH-NUCLEAR-FUELS BRITISH-NUCLEAR-FUELS-INC BRITISH-NUCLEAR-FUELS-LC BRITISH-NUCLEAR-FUELS-LIMITED BRITISH-NUCLEAR-FUELS-LTD BRITISH-NUCLEAR-FUELS-PLC BRITISH-NUCLEAR-FUELS-PLC-SPRINGFIELD-WORKS BRITISH-NUCLEAR-FUELS-PUBLIC-LIMITED-COMPANY BRITISH-NUCLEAR-FUEL-PLC).as.) and (\$ethylimidazol\$ or "\$ethyl imidazol\$") | USPAT; US-PGPUB | 2004/09/17 12:02 |
| - | 1 | ((BRITISH-NUCLEAR-FUELS BRITISH-NUCLEAR-FUELS-INC BRITISH-NUCLEAR-FUELS-LC BRITISH-NUCLEAR-FUELS-LIMITED BRITISH-NUCLEAR-FUELS-LTD BRITISH-NUCLEAR-FUELS-PLC BRITISH-NUCLEAR-FUELS-PLC-SPRINGFIELD-WORKS BRITISH-NUCLEAR-FUELS-PUBLIC-LIMITED-COMPANY BRITISH-NUCLEAR-FUEL-PLC).as.) and ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) | USPAT; US-PGPUB | 2004/09/17 12:03 |
| - | 1229 | (BRITISH-NUCLEAR-FUELS BRITISH-NUCLEAR-FUELS-LT BRITISH-NUCLEAR-FUELS-LTD BRITISH-NUCLEAR-FUELS-PLC).as. | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 12:04 |
| - | 1 | ((BRITISH-NUCLEAR-FUELS BRITISH-NUCLEAR-FUELS-LT BRITISH-NUCLEAR-FUELS-LTD BRITISH-NUCLEAR-FUELS-PLC).as.) and (\$ethylimidazol\$ or "\$ethyl imidazol\$") | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 12:04 |
| - | 0 | ((BRITISH-NUCLEAR-FUELS BRITISH-NUCLEAR-FUELS-LT BRITISH-NUCLEAR-FUELS-LTD BRITISH-NUCLEAR-FUELS-PLC).as.) and ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) | EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 12:04 |
| - | 1688 | \$imidizol\$ | USPAT; US-PGPUB | 2004/09/17 14:58 |
| - | 83 | \$ethylimidizol\$ | USPAT; US-PGPUB | 2004/09/17 14:58 |
| - | 1 | ethylimidizol\$ | USPAT; US-PGPUB | 2004/09/17 14:58 |
| - | 75 | methylimidizol\$ | USPAT; US-PGPUB | 2004/09/17 14:59 |
| - | 54 | methylimidizole | USPAT; US-PGPUB | 2004/09/17 14:59 |
| - | 356 | 423/371,383,413.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:12 |
| - | 19423 | \$ethylimidazol\$ or "\$ethyl imidazol\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:14 |
| - | 1 | 423/371,383,413.ccls. and (\$ethylimidazol\$ or "\$ethyl imidazol\$") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:14 |
| - | 7573 | (chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:15 |

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|---|-------|---|---|------------------|
| - | 1 | 423/371,383,413.ccls. and ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:15 |
| - | 30066 | 376/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:16 |
| - | 0 | 423/371,383,413.ccls. and 376/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:16 |
| - | 13121 | 976/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:16 |
| - | 0 | 423/371,383,413.ccls. and 976/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:16 |
| - | 893 | "ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:17 |
| - | 0 | 423/371,383,413.ccls. and "ionic liquid\$" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:17 |
| - | 354 | 423/371,383,413.ccls. not ((423/371,383,413.ccls. and (\$ethylimidazol\$ or "\$ethyl imidazol\$")) or (423/371,383,413.ccls. and ((chloroethane\$ chloromethane\$) or ("chloro ethane\$" "chloromethane\$")))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/17 16:17 |

RESULT LIST

7 results found in the Worldwide database for:

G21F9/00 as the IPC classification AND **ionic** in the title or abstract

(Results are sorted by date of upload in database)

1. **DEGREASING COMPOSITION USEFUL FOR DEGREASING AND/OR DECONTAMINATING SOLID SURFACES**
Inventor: VAUCLAIR LAETITIA (FR); FURNEL BRUNO (FR) Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR); VAUCLAIR LAETITIA (FR); (+2)
EC: C11D17/00B6; C11D1/72; (+6) IPC: C11D3/02 ; C11D1/72 ; (+4)
Publication info: **W003008526** - 2003-01-30
2. **Nuclear plant concrete ionic decontamination comprises electric charging of aqueous medium containing concrete by high hydrogen overpressure metal cathode**
Inventor: ALONSO ALONSO M CRUZ (ES); ANDRADE PERDRIX M CARMEN (ES) Applicant: NAC DE RESIDUOS RADIOACTIVOS S (ES)
EC: IPC: G21F9/00 ; G21F9/30
Publication info: **ES2156513** - 2001-06-16
3. **Process for recycling ionic liquids**
Inventor: THIED R C; JEAPES A J; (+5) Applicant: BRITISH NUCLEAR FUELS PLC
EC: IPC: G21F9/00
Publication info: **AU7018700** - 2001-03-19
4. **Process for treating radioactive waste**
Inventor: KLEINSCHROTH KARL-HEINZ (DE); GRIGAT ROBERT (DE); (+1) Applicant: SIEMENS AG (DE)
EC: G21F9/14; G21F9/30B2 IPC: G21F9/00
Publication info: **US5457266** - 1995-10-10
5. **Methods for consolidating radioactive waste material using self-setting or water-settable compositions containing an organic polyisocyanate, a non-ionic surface active agent devoid of isocyanate-reactive groups and alkaline filler**
Inventor: WOOLER ALAN M (GB); BENGTON OLLE (SE) Applicant: ICI LTD (GB)
EC: C02F11/00F; C04B28/02; (+5) IPC: G21F9/00
Publication info: **US4249949** - 1981-02-10
6. **Boron-containing aqueous solution particularly for addition to amyloid glue**
Inventor: DE PANNEMACKER RENE; DUCLAUD DIDIER MARCEL; (+1) Applicant: DEV ACTIVITES CHIMIQUES DISTRI (FR)
EC: C09J103/02 IPC: C09K3/00 ; C09J11/04 ; (+5)
Publication info: **FR2731008** - 1996-08-30
7. **Process for fixing iodine and its industrial preparation.**
Inventor: PERSON LUCIEN M Applicant: UGINE KUHLMANN (FR)
EC: B01J20/22; C01B7/14; (+4) IPC: C01B7/14 ; B01D15/00 ; (+4)
Publication info: **EP0002636** - 1979-06-27

(all
ok'd.)

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10/049,860


9.17.2004

1/30

Process for recycling ionic liquids

Patent number: AU7018700
Publication date: 2001-03-19
Inventor: THIED R C; JEAPES A J; PITNER W R; ROONEY D W;
WELTON T; HATTER JUSTINE E; SEDDON KENNETH
RICHARD
Applicant: BRITISH NUCLEAR FUELS PLC
Classification:
- international: G21F9/00
- european:
Application number: AU20000070187D 20000821
Priority number(s): GB19990019606 19990819; WO2000GB03234
20000821

Also published as:

 WO0115175 (A3)
WO0115175 (A2)
EP1218890 (A3)
EP1218890 (A2)

Abstract not available for AU7018700

Abstract of correspondent: **WO0115175**

A method for treating a spent ionic liquid composition includes heating the composition to form a partial decomposition product thereof. The product is separated from composition contaminants and the separated product is reacted with a reactant to regenerate the ionic liquid.

this case

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RESULT LIST

3 results found in the Worldwide database for:

G21F9/04 as the IPC classification AND **ionic** in the title or abstract

(Results are sorted by date of upload in database)

- 1 **Solution pretreating method at beginning end of purex flow process and used silica gel and its preparing process**
Inventor: IN CANSHENG (CN); WANG XIAORONG (CN); Applicant: CHINESE ACADEMY OF ATOMIC ENER (CN)
(+1)
EC: IPC: G21F9/04 ; G21F9/12
Publication info: **CN1330370** - 2002-01-09
- 2 **Remediation of a bulk source by electropotential ion transport using a host receptor matrix**
Inventor: GRAVES RICHARD A (US); LOMASNEY HENRY Applicant: IONEX (US)
L (US); (+1)
EC: C04B41/53H2; B09B3/00; (+3) IPC: C02F1/46 ; C02F1/469 ; (+2)
Publication info: **US5405509** - 1995-04-11
- 3 **Improvements in water purification systems.**
Inventor: DALVEN ISRAEL; FROMMER MOSHE A Applicant: PUROTECH LTD (IL)
EC: B01J47/14; C02F9/00H4 IPC: C02F1/00 ; C02F1/28 ; (+5)
Publication info: **EP0376126** - 1990-07-04

(all
ok'd.)

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RESULT LIST

4 results found in the Worldwide database for:

G21F9/06 as the IPC classification AND **ionic** in the title or abstract

(Results are sorted by date of upload in database)

- 1 **METHOD FOR RECOVERING AND DECONTAMINATING RADIOACTIVE INDUSTRIAL PRODUCTS AND/OR INDUSTRIAL WASTES**
Inventor: BEKKER V F; BELKIN A V; (+2) Applicant: MA EHKO T; OOO NPR EHKOLOGICHESKAJA FIR
EC: IPC: G21F9/30 ; G21F9/06
Publication info: **RU2205461** - 2003-05-27
- 2 **METHOD FOR REMOVING IONIC COMPONENT IN ELECTROLYTE SOLUTION**
Inventor: HORIE AKIRA; SUZUKI SHUNICHI; (+4) Applicant: TOKYO ELECTRIC POWER CO
EC: IPC: B01D61/46 ; G21F9/06
Publication info: **JP3232521** - 1991-10-16
- 3 **Process for extraction of iodine**
Inventor: PERSON LUCIEN (FR) Applicant: UGINE KUHLMANN (FR)
EC: C01B7/14; G21F9/12 IPC: G21F9/12 ; G21F9/06
Publication info: **US4388231** - 1983-06-14
- 4 **REMOVAL OF ATOMIZED AND IONIC RADIOACTIVE MATERIAL IN AMMONIA FLUORIDE SOLUTION**
Inventor: FURUNORI TAKESHI; UCHIKOSHI TSUGUO; Applicant: MITSUBISHI METAL CORP
(+3)
EC: IPC: C01G56/00 ; C02C5/00 ; (+3)
Publication info: **JP53054698** - 1978-05-18

(all
ok'd.)

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**RESULT LIST**

0 results found in the Worldwide database for:

**G21F9/08** as the IPC classification AND **ionic** in the title or abstract

(Results are sorted by date of upload in database)

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## RESULT LIST

29 results found in the Worldwide database for:

**G21F9/00** as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract  
(Results are sorted by date of upload in database)

- 1 **METHOD FOR RECYCLING RADIOACTIVE SOLID WASTE**  
Inventor: HOSHI HIROSHI; NEMEZAWA ISAO; (+2) Applicant: HITACHI ENG SERVICE; HITACHI LTD  
EC: IPC: G21F9/36 ; B09B5/00 ; (+3)  
Publication info: **JP2002311197** - 2002-10-23
- 2 **Decontamination procedure, for inner surfaces of hollow radioactive components, uses chemical attack solution sprayed under pressure and recuperated**  
Inventor: BERNARD ALAIN Applicant: MAINTENANCE NUCLEAIRE SOC D (FR)  
EC: B05B15/04A; G21F9/00B2; (+1) IPC: G21F9/00  
Publication info: **FR2819622** - 2002-07-19
- 3 **Super critical wet processing method for low radiation waste**  
Inventor: HUANG YU-JEN (TW); JIAN YI-JI (TW); (+1) Applicant: WANG HUNG BO (TW)  
EC: IPC: G21F9/00  
Publication info: **TW459249** - 2001-10-11
- 4 **Process for recycling ionic liquids**  
Inventor: THIED R C; JEAPES A J; (+5) Applicant: BRITISH NUCLEAR FUELS PLC  
EC: IPC: G21F9/00  
Publication info: **AU7018700** - 2001-03-19
- 5 **Method and apparatus for decontaminating soil and mud polluted with hazardous waste and petroleum products**  
Inventor: LANGENECKER BERTWIN (US) Applicant:  
EC: B09C1/02; B01D15/00 IPC: B09B1/00 ; G21F9/00  
Publication info: **US6123483** - 2000-09-26
- 6 **Landfill garbage management process**  
Inventor: KOZAK MURRAY L (CA); KOZAK STANLEY M Applicant:  
(CA); (+1)  
EC: C05F17/00K; C05F17/02 IPC: B09B1/00 ; G21F9/00  
Publication info: **US6106197** - 2000-08-22
- 7 **RADIOACTIVE ALKALI METAL RECOVERY PROCESS**  
Inventor: EFIMOVA L A; PLOTNIKOV V G; (+3) Applicant: KOGO INST IM L JA KARPOVA; NI SKOGO  
FIZ KHIM  
EC: IPC: G21F9/16 ; G21F9/00  
Publication info: **RU2123212** - 1998-12-10
- 8 **Dupoly process for treatment of depleted uranium and production of beneficial end products**  
Inventor: ADAMS JAY W (US); COOLEY CARL R (US); Applicant: BROOKHAVEN SCIENCE ASS LLC (US)  
(+2)  
EC: G21F9/30B4; G21F1/10B2 IPC: A62D31/00 ; C09K3/00 ; (+2)  
Publication info: **US6030549** - 2000-02-29
- 9 **Method for recycling contaminated metal parts**  
Inventor: HAAS ERNST (DE); HOFMANN ROLAND (DE); Applicant: SIEMENS AG (DE)  
(+1)  
EC: C22B7/00B; G21F9/30F IPC: G21F9/00 ; A62D3/00 ; (+3)  
Publication info: **US5998689** - 1999-12-07
- 10 **Post-combustion chamber in incinerator with partially recycled packing**  
Inventor: FLAMENT THIERRY; LABLIE PHILIPPE; (+1) Applicant: COGEMA (FR)  
EC: F23G5/16; F23J15/02D1; (+1) IPC: F23G5/44 ; F23G5/16 ; (+2)  
Publication info: **FR2772889** - 1999-06-25

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## RESULT LIST

29 results found in the Worldwide database for:

**G21F9/00** as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract  
(Results are sorted by date of upload in database)

- 11 Removal of uranium contamination from magnesium fluoride slag**  
Inventor: PASHLEY JOHN H      Applicant: US ENRICHMENT CORP (US)  
EC: C01F11/22; C22B7/00D2; (+2)      IPC: G21F9/00 ; C01F5/28 ; (+1)  
Publication info: **GB2328434** - 1999-02-24
- 12 Method and plant for cleaning lightly radioactive waste incineration gases**  
Inventor: YU DEHUI (FR); TOUCHAIS DOMINIQUE (FR)      Applicant: SPEIC (FR)  
EC: G21F9/02      IPC: G21F9/00  
Publication info: **US5771473** - 1998-06-23
- 13 Processing of solid mixed waste containing radioactive and hazardous materials**  
Inventor: FILIPPOV EUGENE A (RU); GOTOVCHIKOV VITALY T (RU); (+1)      Applicant: INST OF CHEMICAL TECHNOLOGY PL (RU)  
EC: C22B4/00B; C22B4/08; (+5)      IPC: G21F9/00  
Publication info: **US5750822** - 1998-05-12
- 14 PROCESS AND DEVICE FOR DECONTAMINATING SURFACES CONTAMINATED WITH RADIOACTIVITY**  
Inventor: FRIEDRICH IRENE (DE); KUEHLWEIN KARL (DE); (+2)      Applicant: SIEMENS AG (DE)  
EC:      IPC: B24C9/00 ; B24C11/00 ; (+2)  
Publication info: **CA2084503** - 1991-12-06
- 15 Method and apparatus for decomposing organic solutions composed of chelating solutions and/or organic acids containing radioactive metal ions and collection method and apparatus using the same**  
Inventor: ICHIKAWA SEIGO (JP); KIKUYA AKIHISA (JP); (+1)      Applicant: GENDEN ENGINEERING SERVICES & (JP); MORIKAWA IND CORP (JP)  
EC: B01D61/04; C02F1/44B; (+1)      IPC: G21F9/00  
Publication info: **US5613239** - 1997-03-18
- 16 Methods of decontaminating soils containing hazardous metals**  
Inventor: ABEL ALBERT E (US); HEYDUK ALAN F (US); (+1)      Applicant: COMMODORE APPLIED TECHNOLOGIES (US)  
EC: B09C1/02; C22B7/00D2; (+5)      IPC: G21F9/00  
Publication info: **US5613238** - 1997-03-18
- 17 Method of treating a contaminated aqueous solution**  
Inventor: GRANT DAVID C (US); BURACK ROBERT D (US); (+3)      Applicant: WESTINGHOUSE ELECTRIC CORP (US)  
EC: C02F1/72; C02F1/72C; (+1)      IPC: G21F9/00  
Publication info: **US5564105** - 1996-10-08
- 18 Methods of decontaminating mercury-containing soils**  
Inventor: ABEL ALBERT E (US)      Applicant: COMMODORE LAB INC (US)  
EC: B09C1/02; C22B7/00D2; (+5)      IPC: G21F9/00  
Publication info: **US5516968** - 1996-05-14
- 19 Methods of decontaminating nuclear waste-containing soil**  
Inventor: ABEL ALBERT E (US)      Applicant: COMMODORE LAB INC (US)  
EC: C22B7/00D2; C22B17/04; (+5)      IPC: G21F9/00 ; B03B5/28  
Publication info: **US5495062** - 1996-02-27
- 20 Process for the conditioning or recycling of used ion cartridges**  
Inventor: DUQUESNE JACQUES (FR)      Applicant: COGEMA COMPAGNIE GENRALES DES (FR)  
EC: G21C19/32; G21F9/28      IPC: G21F9/00 ; G21C19/00  
Publication info: **US5267280** - 1993-11-30

## RESULT LIST

29 results found in the Worldwide database for:

**G21F9/00** as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract  
(Results are sorted by date of upload in database)

### 21 Process for the treatment of radioactive sodium

Inventor: OHTSUKA KATSUYUKI (JP); AIKAWA HIDEAKI Applicant: DORYOKURO KAKUNENRYO (JP)  
(JP); (+2)

EC: C01D1/04; G21F9/30; (+1)

IPC: G21F9/00

Publication info: **US4643846** - 1987-02-17

### 22 RADIOACTIVE WASTE STORAGE

Inventor: BOLDT A

Applicant: ATOMIC ENERGY COMMISSION

EC: G21F5/005

IPC: G21F9/00

Publication info: **US3828197** - 1974-08-06

### 23 METHOD FOR DECONTAMINATING CONTAMINATED FLEXIBLE PLASTIC WASTE AND PLANT THEREFOR

Inventor: DAMERVAL FREDERIQUE (FR); PEROTIN  
JEAN-PIERRE (FR); (+3)

Applicant: DAMERVAL FREDERIQUE (FR); PEROTIN  
JEAN PIERRE (FR); (+5)

EC: G21F9/28; G21F9/30; (+1)

IPC: G21F9/00 ; G21F9/28 ; (+1)

Publication info: **WO9516997** - 1995-06-22

### 24 Transition metal decontamination process.

Inventor: SNYDER THOMAS STEPHEN (US); AYERS  
LAURA JANE (US); (+2)

Applicant: WESTINGHOUSE ELECTRIC CORP (US)

EC: C01G57/00B; C22B3/00A1; (+4)

IPC: G21F9/00 ; G21F9/12 ; (+1)

Publication info: **EP0548538** - 1993-06-30

### 25 Process and device for mechanical decontamination.

Inventor: GELFORT EIKE DR

Applicant: WIEDERAUFARBEITUNG VON KERNBRE (DE)

EC: G21F9/00B4

IPC: G21F9/00

Publication info: **EP0100428** - 1984-02-15

### 26 Method for net decrease of hazardous radioactive nuclear waste materials.

Inventor: HENYEY FRANK S; HOCHSTIM ADOLF R;  
(+1)

Applicant: PERM INC (US)

EC: G21F9/00

IPC: G21F9/00 ; G21G1/00

Publication info: **EP0030404** - 1981-06-17

### 27 Removing radioactive mineral from plant or animal material - by extn. with opt. aq. carboxylic acid or deriv.

Inventor: MOELLER HANS GUENTER DIPL CHEM (DE)

Applicant: MOELLER HANS GUENTER DR (DE)

EC: A23C7/04B; B01D11/02T; (+3)

IPC: A23C7/04 ; A23L2/30 ; (+2)

Publication info: **DE3942027** - 1991-06-27

### 28 Method and device for extinguishing fires

Inventor: BUESSEM RUDOLF (DE); LANDSBERG ERNST  
(DE); (+1)

Applicant: TOTAL FEUERSCHUTZ GMBH (DE)

EC: A62C3/00; G21C9/04

IPC: A62C3/00 ; G21F9/00

Publication info: **DE3719607** - 1988-12-29

### 29 MOLTEN SALT HAZARDOUS WASTE DISPOSAL PROCESS UTILIZING GAS/LIQUID CONTACT FOR SALT RECOVERY

Inventor: MCKENZIE DONALD E; GRANTHAM LEROY F

Applicant: ROCKWELL INTERNATIONAL CORP

EC:

IPC: G21F9/00

Publication info: **CA1196768** - 1985-11-19

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## RESULT LIST

5 results found in the Worldwide database for:

**G21F9/04** as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract

(Results are sorted by date of upload in database)

- 1 **Treating acid contaminated with fission products**  
Inventor: SMART NEIL GRAHAM (GB); MASON IAN JOHN (GB); (+2)      Applicant: BRITISH NUCLEAR FUELS PLC (GB)  
EC: C23G1/36; C01B7/07B; (+2)      IPC: G21F9/04 ; C01D17/00 ; (+1)  
Publication info: **GB2344340** - 2000-06-07
- 2 **Method for regulating tetravalent neptunium in liquid material of after-treatment process to pentavalent neptunium**  
Inventor: HE JIANYU (CN); TIAN BAOSHENG (CN); (+1)      Applicant: CHINA ATOMIC ENERGY SCIENCE IN (CN)  
EC:      IPC: G21F9/04  
Publication info: **CN1209632** - 1999-03-03
- 3 **Sacrificial anode, process for electrodecontamination of low-level liquid radioactive wastes, and device for carrying out this process**  
Inventor: LACOSTE GERMAIN (FR); TRONCHE ERIC (FR); (+1)      Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR)  
EC: G21F9/04; G21F9/06; (+2)      IPC: G21F9/04 ; G21F9/06 ; (+1)  
Publication info: **EP0691659** - 1996-01-10
- 4 **Method and apparatus for treating contaminated particulate material.**  
Inventor: GRANT DAVID CHARLES (US); SVERDRUP EDWARD FREDERICK (US); (+1)      Applicant: WESTINGHOUSE ELECTRIC CORP (US)  
EC: G21F9/04; B09C1/02      IPC: B07C5/346 ; G21F9/04 ; (+1)  
Publication info: **EP0460828** - 1991-12-11
- 5 **SOLIDIFICATION OF RADIOACTIVE WASTE EFFLUENTS**  
Inventor: CORDIER JEAN-PIERRE; MERGAN LEO      Applicant: BELGONUCLEAIRE SA  
EC:      IPC: G21F9/06 ; G21F9/04  
Publication info: **CA1172774** - 1984-08-14

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## RESULT LIST

15 results found in the Worldwide database for:

**G21F9/06** as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract

(Results are sorted by date of upload in database)

- 1 **METHOD FOR RECOVERING 10BORON OR DECONTAMINATING BORON FROM EVAPORATOR BOTTOMS FROM PRESSURIZED WATER REACTORS**  
Inventor: KRUMPHOLZ UDO (DE); LASCH MANFRIED (DE)  
EC: G21F9/06  
Applicant: KRUMPHOLZ UDO (DE); LASCH MANFRIED (DE)  
IPC: G21F9/06  
Publication info: **W003043027** - 2003-05-22
- 2 **METHOD FOR SEPARATING IN AN AQUEOUS MEDIUM LANTHANIDES AND/OR ACTINIDES BY COMBINED COMPLEXING-NANOFILTRATION, AND NOVEL COMPLEXING AGENTS THEREFOR**  
Inventor: GUY ALAIN (FR); CHITRY FREDERIC (FR); (+4)  
EC: B01D61/04; B01D61/16; (+4)  
Applicant: GUY ALAIN (FR); CHITRY FREDERIC (FR); (+6)  
IPC: C22B59/00 ; C22B60/02 ; (+5)  
Publication info: **W00073521** - 2000-12-07
- 3 **RECYCLE METHOD FOR NITROGEN OXIDE IN OFFGAS OF URANIUM DENITRATION PROCESS**  
Inventor: IZUMI JUN; ANEGAWA HIROAKI; (+5)  
EC:  
Applicant: MITSUBISHI MATERIALS CORP; INST OF RES & INNOVATION; (+2)  
IPC: G21F9/02 ; G21F9/02 ; (+3)  
Publication info: **JP2000266891** - 2000-09-29
- 4 **ELECTROLYTIC METHOD FOR RECOVERING AND RECYCLING SILVER FROM A NITRIC SOLUTION**  
Inventor: DAUBY JACQUES (FR); BATICLE PASCAL (FR); (+4)  
EC:  
Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR); COGEMA (FR)  
IPC: C25C1/20 ; C25B1/00 ; (+1)  
Publication info: **EP0970263** - 2000-01-12
- 5 **METHOD FOR SEPARATING AND RECYCLING PLATINUM GROUP ELEMENT**  
Inventor: I ETSUSHIYUU; KUMAGAI MIKIRO; (+2)  
EC:  
Applicant: SANGYO SOZO KENKYUSHO  
IPC: G21C19/46 ; C01G55/00 ; (+3)  
Publication info: **JP9203792** - 1997-08-05
- 6 **Method for recovering nitrate ions as nitric acid from nuclear industry effluents**  
Inventor: DAVID SYLVIE; SCHALL GILBERT; (+1)  
EC: G21C19/46; G21F9/04; (+1)  
Applicant: COMURHEX (FR)  
IPC: G21F9/06 ; C01B21/42  
Publication info: **FR2742257** - 1997-06-13
- 7 **Measuring radioactive iodine concentration**  
Inventor: BOUKIS NIKOLAOS; HENRICH EDMUND  
EC: G21F9/06  
Applicant: KERNFORSCHUNGSZ KARLSRUHE (DE)  
IPC: G01N33/00 ; G21C19/46 ; (+1)  
Publication info: **GB2238116** - 1991-05-22
- 8 **Volume-reducing solidification treatment process for radioactive waste water containing boron**  
Inventor: MASAKI TATSUO; SHIBUYA MAMORU; (+1)  
EC: G21F9/06; G21F9/30B2B  
Applicant: KYUSHU ELECTRIC POWER; JGC CORP  
IPC: G21F9/06  
Publication info: **GB2163892** - 1986-03-05
- 9 **PROCESS FOR THE TREATMENT OF ORGANIC RADIOACTIVE WASTES**  
Inventor:  
EC: G21C19/46; G21F9/06  
Applicant: EUROCHEMIC  
IPC: G21F9/06  
Publication info: **GB1517014** - 1978-07-05
- 10 **Removing technetium during solvent extraction of spent nuclear fuel**  
Inventor: SHOICHI TACHIMORI  
EC: C22B61/00; G21C19/46  
Applicant: JAPAN ATOMIC ENERGY RES INST (JP)  
IPC: G21C19/46 ; G21F9/06 ; (+1)  
Publication info: **FR2717001** - 1995-09-08

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## RESULT LIST

15 results found in the Worldwide database for:

**G21F9/06** as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract  
(Results are sorted by date of upload in database)

- 11 **Sacrificial anode, process for electrodecontamination of low-level liquid radioactive wastes, and device for carrying out this process**  
Inventor: LACOSTE GERMAIN (FR); TRONCHE ERIC (FR); (+1) Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR)  
EC: G21F9/04; G21F9/06; (+2) IPC: G21F9/04 ; G21F9/06 ; (+1)  
Publication info: **EP0691659** - 1996-01-10
- 12 **Filtrate processing in oxidic nuclear fuel prodn. - by ammonium uranium (plutonium) carbonate process**  
Inventor: DRUCKENBRODT WOLF-GUENTHER DR (DE); LASBERG INGO (DE); (+1) Applicant: WIEDERAUFARBEITUNG VON KERNBRE (DE); SIEMENS AG (DE)  
EC: G21F9/06 IPC: G21C3/62 ; G21C19/46 ; (+1)  
Publication info: **DE3925715** - 1991-02-07
- 13 **Process for treating pulverulent, sludgy or dissolved materials, in particular environmental poisons or wastes containing other environmental pollutants, for transport and also subsequent recycling or long-term storage**  
Inventor: GATTYS FRANZ JOSEF (DE) Applicant: GATTYS ING BUERO F J (DE)  
EC: C04B18/02B; G21F9/16B2; (+2) IPC: A62D3/00 ; G21F9/06 ; (+1)  
Publication info: **DE3150419** - 1983-06-30
- 14 **SOLIDIFICATION OF RADIOACTIVE WASTE EFFLUENTS**  
Inventor: CORDIER JEAN-PIERRE; MERGAN LEO Applicant: BELGONUCLEAIRE SA  
EC: IPC: G21F9/06 ; G21F9/04  
Publication info: **CA1172774** - 1984-08-14
- 15 **ACTINIDES RECYCLE SYSTEM**  
Inventor: ARIE KAZUO; KOBAYASHI TSUGUYUKI; (+1) Applicant: TOKYO SHIBAURA ELECTRIC CO  
EC: IPC: G21C19/42 ; G21C19/44 ; (+3)  
Publication info: **JP9043389** - 1997-02-14

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RESULT LIST

13 results found in the Worldwide database for:

G21F9/08 as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract
(Results are sorted by date of upload in database)

- 1 **Method and apparatus for the treatment of radioactive evaporator concentrates from nuclear plants**
Inventor: KRUMPHOLZ UDO (DE); LASCH MANFRIED (DE) Applicant: KERNKRAFTWERKE GUNDREMMINGEN B (US)
EC: C01D5/00; G21F9/06; (+1) IPC: G21F9/08
Publication info: **US6218592** - 2001-04-17
- 2 **METHOD FOR RECYCLING TREATMENT OF CONTAMINATED LIQUID**
Inventor: SATO RYODA Applicant: SATO RYODA
EC: IPC: G21F9/14 ; G21F9/08
Publication info: **JP10073697** - 1998-03-17
- 3 **PROCESS FOR THE TREATMENT OF RADIOACTIVE WASTE WATER**
Inventor: DOERR ALOYS (DE); KAELEBERER UWE (DE); (+1) Applicant: NOELL GMBH (DE)
EC: G21F9/08 IPC: G21F9/08
Publication info: **US5096624** - 1992-03-17
- 4 **PROCESS FOR THE RADIOACTIVE DECONTAMINATION OF AN OIL**
Inventor: AUGER JEAN-MICHEL (FR) Applicant: ELECTRICITE DE FRANCE (FR)
EC: G21F9/12 IPC: C09K11/04 ; C10G17/00 ; (+2)
Publication info: **US5075044** - 1991-12-24
- 5 **Method for decontaminating conventional plastic materials which have become radioactively contaminated, and articles**
Inventor: WALLACE JAMES M (US) Applicant: NUTECH INC (US)
EC: G21F9/30 IPC: B01D11/00 ; C02F1/42 ; (+2)
Publication info: **US4855081** - 1989-08-08
- 6 **Method for decontaminating specially selected plastic materials which have become radioactively contaminated, and articles**
Inventor: MCCONAGHY WILLIAM J (US); WALLACE JAMES M (US) Applicant: NUTECH INC (US)
EC: G21F9/30 IPC: B01D11/00 ; C02F1/42 ; (+2)
Publication info: **US4855080** - 1989-08-08
- 7 **Process for decontaminating radioactivity contaminated metallic materials**
Inventor: HANULIK JOZEF (CH) Applicant: HANULIK JOZEF (CH)
EC: G21F9/00B2 IPC: B08B9/00 ; C09K13/08 ; (+2)
Publication info: **US4828759** - 1989-05-09
- 8 **Radioactive waste water treatment**
Inventor: KURIBAYASHI HIROSHI (JP); HASEGAWA AKIRA (JP); (+4) Applicant: JGC CORP (JP)
EC: G21F9/10; G21F9/30B2B IPC: G21F9/16 ; G21F9/08 ; (+2)
Publication info: **US4800042** - 1989-01-24
- 9 **METHOD AND APPARATUS FOR VAPORIZING LIQUIDS**
Inventor: Applicant: BOEHLER & CO AG GEB
EC: G21F9/08 IPC: B01D3/06 ; G21F9/08
Publication info: **GB1421654** - 1976-01-21
- 10 **Process and device for treating a liquid effluent originating from an industrial plant such as a nuclear power station, with a view to its removal**
Inventor: HENRI MARECHAL; LAURENCE TREFFKORN Applicant: FRAMATOME SA (FR)
EC: B01D1/14; B01D1/26; (+4) IPC: G21F9/14 ; G21F9/08 ; (+4)
Publication info: **FR2681719** - 1993-03-26

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RESULT LIST

13 results found in the Worldwide database for:

G21F9/08 as the IPC classification AND **recycle OR recycles OR recycling OR recycled** in the title or abstract
(Results are sorted by date of upload in database)

- 11 PROCESS FOR REMOVING BORON FROM LIQUID RADIOACTIVE WASTE FROM NUCLEAR POWER FACILITIES**
Inventor: BESSONOV OLEG VALERIEVICH; KIM Applicant: DECOM ENG CO LTD (RU)
VISSARION VLADIMIROVICH; (+4)
EC: G21F9/08 IPC: G21F9/08
Publication info: **WO9414168** - 1994-06-23
- 12 METHOD FOR DECONTAMINATING SPECIALLY SELECTED AND CONVENTIONAL PLASTIC MATERIALS WHICH HAVE BECOME RADIOACTIVELY CONTAMINATED, AND ARTICLES**
Inventor: MCCONAGHY WILLIAM J (US); WALLACE Applicant: NUTECH INC (US)
JAMES M (US)
EC: G21F9/30 IPC: G21F9/08 ; G21F9/16 ; (+2)
Publication info: **WO8912305** - 1989-12-14
- 13 METHOD OF AND APPARATUS FOR THE TREATMENT OF RADIOACTIVE WASTE WATER FROM NUCLEAR POWER PLANTS**
Inventor: AMBROS RAINER; BRENNER NORBERT; (+1) Applicant: RHEIN WESTFAEL ELECT WERK AG
EC: IPC: G21F9/08
Publication info: **CA1159761** - 1984-01-03

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RESULT LIST

1 result found in the Worldwide database for:

G21F9/00 or G21F9/04 or G21F9/06 or G21F9/08 as the IPC classification AND **G21F9/00 or G21F9/04 or G21F9/06 or G21F9/08** as the ECLA classification AND **ionic** in the title or abstract

(Results are sorted by date of upload in database)

✓ **Remediation of a bulk source by electropotential ion transport using a host receptor matrix**

Inventor: GRAVES RICHARD A (US); LOMASNEY HENRY Applicant: IONEX (US)

L (US); (+1)

EC: C04B41/53H2; B09B3/00; (+3)

IPC: C02F1/46 ; C02F1/469 ; (+2)

Publication info: **US5405509** - 1995-04-11

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18 results found in the Worldwide database for:

G21F9/00 or G21F9/04 or G21F9/06 or G21F9/08 as the IPC classification AND **G21F9/00 or G21F9/04 or G21F9/06 or G21F9/08** as the ECLA classification AND **recycle or recycles or recycled or recycling** in the title or abstract
(Results are sorted by date of upload in database)

- 1 **METHOD FOR RECOVERING 10BORON OR DECONTAMINATING BORON FROM EVAPORATOR BOTTOMS FROM PRESSURIZED WATER REACTORS**
Inventor: KRUMPHOLZ UDO (DE); LASCH MANFRIED (DE)
EC: G21F9/06
Applicant: KRUMPHOLZ UDO (DE); LASCH MANFRIED (DE)
IPC: G21F9/06
Publication info: **W003043027** - 2003-05-22
- 2 **Method and apparatus for the treatment of radioactive evaporator concentrates from nuclear plants**
Inventor: KRUMPHOLZ UDO (DE); LASCH MANFRIED (DE)
EC: C01D5/00; G21F9/06; (+1)
Applicant: KERNKRAFTWERKE GUNDREMMINGEN B (US)
IPC: G21F9/08
Publication info: **US6218592** - 2001-04-17
- 3 **Treating acid contaminated with fission products**
Inventor: SMART NEIL GRAHAM (GB); MASON IAN JOHN (GB); (+2)
EC: C23G1/36; C01B7/07B; (+2)
Applicant: BRITISH NUCLEAR FUELS PLC (GB)
IPC: G21F9/04 ; C01D17/00 ; (+1)
Publication info: **GB2344340** - 2000-06-07
- 4 **ELECTROLYTIC METHOD FOR RECOVERING AND RECYCLING SILVER FROM A NITRIC SOLUTION**
Inventor: DAUBY JACQUES (FR); BATICLE PASCAL (FR); (+4)
EC: C25B1/00; C25C1/20; (+1)
Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR); DAUBY JACQUES (FR); (+6)
IPC: C25C1/20 ; C25B1/00 ; (+1)
Publication info: **W09842894** - 1998-10-01
- 5 **Method for recovering nitrate ions as nitric acid from nuclear industry effluents**
Inventor: DAVIED SYLVIE; SCHALL GILBERT; (+1)
EC: G21C19/46; G21F9/04; (+1)
Applicant: COMURHEX (FR)
IPC: G21F9/06 ; C01B21/42
Publication info: **FR2742257** - 1997-06-13
- 6 **Method and apparatus for decomposing organic solutions composed of chelating solutions and/or organic acids containing radioactive metal ions and collection method and apparatus using the same**
Inventor: ICHIKAWA SEIGO (JP); KIKUYA AKIHISA (JP); (+1)
EC: B01D61/04; C02F1/44B; (+1)
Applicant: GENDEN ENGINEERING SERVICES & (JP); MORIKAWA IND CORP (JP)
IPC: G21F9/00
Publication info: **US5613239** - 1997-03-18
- 7 **PROCESS FOR THE TREATMENT OF RADIOACTIVE WASTE WATER**
Inventor: DOERR ALOYS (DE); KAELEBERER UWE (DE); (+1)
EC: G21F9/08
Applicant: NOELL GMBH (DE)
IPC: G21F9/08
Publication info: **US5096624** - 1992-03-17
- 8 **Measuring radioactive iodine concentration**
Inventor: BOUKIS NIKOLAOS; HENRICH EDMUND
EC: G21F9/06
Applicant: KERNFORSCHUNGSZ KARLSRUHE (DE)
IPC: G01N33/00 ; G21C19/46 ; (+1)
Publication info: **GB2238116** - 1991-05-22
- 9 **Volume-reducing solidification treatment process for radioactive waste water containing boron**
Inventor: MASAKI TATSUO; SHIBUYA MAMORU; (+1)
EC: G21F9/06; G21F9/30B2B
Applicant: KYUSHU ELECTRIC POWER; JGC CORP
IPC: G21F9/06
Publication info: **GB2163892** - 1986-03-05
- 10 **PROCESS FOR THE TREATMENT OF ORGANIC RADIOACTIVE WASTES**
Inventor:
Applicant: EUROCHEMIC

(all checked)

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EC: G21C19/46; G21F9/06

IPC: G21F9/06

Publication info: **GB1517014** - 1978-07-05

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RESULT LIST

18 results found in the Worldwide database for:

G21F9/00 or G21F9/04 or G21F9/06 or G21F9/08 as the ECLA classification AND **recycle or recycles or recycled or recycling** in the title or abstract AND **G21F9/00 or G21F9/04 or G21F9/06 or G21F9/08** as the IPC classification
(Results are sorted by date of upload in database)

- 11 METHOD AND APPARATUS FOR VAPORIZING LIQUIDS**
Inventor: Applicant: BOEHLER & CO AG GEB
EC: G21F9/08 IPC: B01D3/06 ; G21F9/08
Publication info: **GB1421654** - 1976-01-21
- 12 Process and device for treating a liquid effluent originating from an industrial plant such as a nuclear power station, with a view to its removal**
Inventor: HENRI MARECHAL; LAURENCE TREFFKORN Applicant: FRAMATOME SA (FR)
EC: B01D1/14; B01D1/26; (+4) IPC: G21F9/14 ; G21F9/08 ; (+4)
Publication info: **FR2681719** - 1993-03-26
- 13 PROCESS FOR REMOVING BORON FROM LIQUID RADIOACTIVE WASTE FROM NUCLEAR POWER FACILITIES**
Inventor: BESSONOV OLEG VALERIEVICH; KIM Applicant: DECOM ENG CO LTD (RU)
VISSARION VLADIMIROVICH; (+4)
EC: G21F9/08 IPC: G21F9/08
Publication info: **W09414168** - 1994-06-23
- 14 Sacrificial anode, process for electrodecontamination of low-level liquid radioactive wastes, and device for carrying out this process**
Inventor: LACOSTE GERMAIN (FR); TRONCHE ERIC Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR)
(FR); (+1)
EC: G21F9/04; G21F9/06; (+2) IPC: G21F9/04 ; G21F9/06 ; (+1)
Publication info: **EP0691659** - 1996-01-10
- 15 Transition metal decontamination process.**
Inventor: SNYDER THOMAS STEPHEN (US); AYERS Applicant: WESTINGHOUSE ELECTRIC CORP (US)
LAURA JANE (US); (+2)
EC: C01G57/00B; C22B3/00A1; (+4) IPC: G21F9/00 ; G21F9/12 ; (+1)
Publication info: **EP0548538** - 1993-06-30
- 16 Method and apparatus for treating contaminated particulate material.**
Inventor: GRANT DAVID CHARLES (US); SVERDRUP Applicant: WESTINGHOUSE ELECTRIC CORP (US)
EDWARD FREDERICK (US); (+1)
EC: G21F9/04; B09C1/02 IPC: B07C5/346 ; G21F9/04 ; (+1)
Publication info: **EP0460828** - 1991-12-11
- 17 Method for net decrease of hazardous radioactive nuclear waste materials.**
Inventor: HENYEY FRANK S; HOCHSTIM ADOLF R; Applicant: PERM INC (US)
(+1)
EC: G21F9/00 IPC: G21F9/00 ; G21G1/00
Publication info: **EP0030404** - 1981-06-17
- 18 Filtrate processing in oxidic nuclear fuel prodn. - by ammonium uranium (plutonium) carbonate process**
Inventor: DRUCKENBRODT WOLF-GUENTHER DR (DE); Applicant: WIEDERAUFARBEITUNG VON KERNBRE (DE);
LASBERG INGO (DE); (+1) SIEMENS AG (DE)
EC: G21F9/06 IPC: G21C3/62 ; G21C19/46 ; (+1)
Publication info: **DE3925715** - 1991-02-07

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103 results found in the Worldwide database for:

G21C19/48 as the IPC classification

(Results are sorted by date of upload in database)

- 1 **IMPROVEMENTS IN AND RELATING TO PROCESSING MATERIALS**
Inventor: GILCHRIST PAUL (GB); COX TERENCE MARTIN (GB); (+1)
EC: IPC: C22B60/02 ; C01G43/06 ; (+5)
Publication info: **DE60012480D** - 2004-09-02
- 2 **AUFARBEITUNG URANHALTIGER MATERIALIEN DURCH FLUORIDIERUNG UND ANSCHLIESSENDE TRENNUNG DER URANHEXAFLUORIDE IN EINEM PLASMAREAKTOR**
Inventor: GILCHRIST PAUL; COX TERENCE MARTIN; (+1)
EC: IPC: C22B60/02 ; C01G43/06 ; (+5)
Publication info: **AT272129T** - 2004-08-15
- 3 **Electrolytic separation of metals**
Inventor: LEWIN ROBERT GLYN (GB); THIED ROBERT CHARLES (GB)
EC: C25C3/34; C25C3/26 IPC: G21C19/48 ; C25C3/34
Publication info: **GB2395958** - 2004-06-09
- 4 **METHOD FOR DRY TREATMENT OF NUCLEAR FUEL SCRAP OF MIXED URANIUM AND PLUTONIUM DIOXIDES**
Inventor: PEL KMANS EHDUARD (BE); VANDERGEJNST ALAN (BE); (+1)
EC: IPC: G21C19/48 ; G21C3/62 ; (+1)
Publication info: **RU2225047** - 2004-02-27
- 5 **APPARATUS FOR CONTINUOUS CHLORINATION OF DRY PLUTONIUM DIOXIDE**
Inventor: BABIKOV L G; BYCHKOV A V; (+1)
EC: IPC: G21C19/48
Publication info: **RU2217822** - 2003-11-27
- 6 **ACTINIDE PRODUCTION**
Inventor: LEWIN ROBERT G (GB); THIED ROBERT C (GB)
EC: IPC: G21C19/48
Publication info: **EP1393324** - 2004-03-03
- 7 **No English title available**
Inventor: Applicant:
EC: IPC: B01D11/04 ; B01D1/02 ; (+1)
Publication info: **JP63157205U** - 1988-10-14
- 8 **ELECTROREFINING PROCESS FOR SEPARATING METALS**
Inventor: COGAN CHRISTOPHER J (GB); OWENS SCOTT L (GB); (+10)
EC: IPC: C25C7/00 ; C25C3/34 ; (+1)
Publication info: **EP1366218** - 2003-12-03
- 9 **ELECTROREFINING OF AMERICIUM**
Inventor: KOCH LOTHAR (DE); PERNEL CAROLE (FR); (+1)
EC: IPC: C22B60/02 ; B25J21/02 ; (+3)
Publication info: **CA2397727** - 2001-08-09
- 10 **Process for separating metals**
Inventor: HATTER JUSTINE ELISABETH (GB); SEDDON KENNETH RICHARD (GB); (+1)
EC: IPC: G21C19/48 ; C25C1/22
Publication info: **CN1375104T** - 2002-10-16

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ch'd.)

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RESULT LIST

103 results found in the Worldwide database for:
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(Results are sorted by date of upload in database)

- 11 Process for recycling ionic liquids**
Inventor: THIED R C (GB); JEAPES A J (GB); (+1) Applicant: BRITISH NUCLEAR FUELS PLC (GB)
EC: IPC: G21C19/48
Publication info: **CN1375103T** - 2002-10-16
- 12 A METHOD OF SEPARATING URANIUM FROM IRRADIATED NUCLEAR FUEL**
Inventor: HOPE ERIC GEORGE (GB); WEBB KEVIN JAMES (GB) Applicant: BRITISH NUCLEAR FUELS PLC (GB)
EC: IPC: G21C19/48
Publication info: **EP1243000** - 2002-09-25
- 13 PROCESS FOR RECYCLING IONIC LIQUIDS**
Inventor: THIED R C (GB); JEAPES A J (GB); (+5) Applicant: BRITISH NUCLEAR FUELS PLC (GB)
EC: IPC: G21C19/48
Publication info: **EP1218890** - 2002-07-03
- 14 PROCESS FOR SEPARATING METALS**
Inventor: PITNER WILLIAM ROBERT (GB); HEBDITCH DAVID (GB); (+4) Applicant: BRITISH NUCLEAR FUELS PLC (GB)
EC: IPC: G21C19/48 ; C25C1/22
Publication info: **EP1212756** - 2002-06-12
- 15 Improvements in and relating to processing materials**
Inventor: GILCHRIST PAUL (GB); COX TERENCE MARTIN (GB); (+1) Applicant: BRITISH NUCLEAR FUELS PLC (GB)
EC: IPC: C22B60/02 ; C01G43/06 ; (+5)
Publication info: **CN1343261T** - 2002-04-03
- 16 Nuclear fuel reprocessing**
Inventor: THIED R C (GB); PITNER W R (GB); (+1) Applicant: BRITISH NUCLEAR FUELS PLC (GB)
EC: IPC: G21C19/48 ; G21C3/58 ; (+1)
Publication info: **CN1290397T** - 2001-04-04
- 17 Method for separating contaminant from plutonium metal**
Inventor: WATSON ROBERT FRANK (GB); FREESTONE VICTOR CHARLES MARSH (GB) Applicant: SECR DEFENCE (GB)
EC: C22B60/04 IPC: G21C19/48
Publication info: **GB2355107** - 2001-04-11
- 18 Molten salt electrolysis of nuclear waste including filtering**
Inventor: FUJITA REIKO (JP); KONDO NARUHITO (JP) Applicant: TOKYO SHIBAURA ELECTRIC CO (JP)
EC: C22B60/02A4; G21C19/48; (+1) IPC: C25C3/34 ; G21C19/48 ; (+1)
Publication info: **GB2352729** - 2001-02-07
- 19 NUCLEAR FUEL REPROCESSING**
Inventor: PITNER WILLIAM ROBERT (GB); ROONEY DAVID WILLIAM (GB); (+2) Applicant: BRITISH NUCLEAR FUELS PLC (GB)
EC: IPC: G21C19/48 ; G21C3/58 ; (+1)
Publication info: **EP1055240** - 2000-11-29
- 20 POSITIONING MECHANISM OF MOLTEN SALT TREATMENT DEVICE**
Inventor: SATO MAKOTO Applicant: TOKYO SHIBAURA ELECTRIC CO
EC: IPC: G21C19/44 ; C25C7/06 ; (+1)
Publication info: **JP2000241589** - 2000-09-08

RESULT LIST

103 results found in the Worldwide database for:

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(Results are sorted by date of upload in database)

- 21 Treatment of molten salt reprocessing wastes**
Inventor: FIERDS MARK (GB); SEDDON KENNETH RICHARD (GB); (+1)
EC:
IPC: C01D3/18 ; G21C19/48
Publication info: **CN1269767T** - 2000-10-11
- 22 WIRBELSCHICHTREAKTOR ZUR AUFARBEITUNG VON KOHLENSTOFFBESCHICHTETEN PARTIKELN**
Inventor:
EC:
IPC: B01J8/24 ; G21C19/48
Publication info: **DE7714942U** - 1981-12-24
- 23 TREATMENT OF MOLTEN SALT REPROCESSING WASTES**
Inventor: PITNER WILLIAM ROBERT (GB); FIELDS MARK (GB); (+3)
EC:
IPC: C01D3/18 ; G21C19/48
Publication info: **EP1019322** - 2000-07-19
- 24 METHOD AND SYSTEM FOR TREATING GASEOUS URANIUM HEXAFLUORIDE**
Inventor: MAKGREHDI DZHERARD SHON (GB); FILDS MARK (GB); (+1)
EC:
IPC: C01G43/06 ; C01G56/00 ; (+1)
Publication info: **RU2131846** - 1999-06-20
- 25 Process and apparatus for oxidizing or reducing dissolved substance**
Inventor: KITAMORI TAKEHIKO (JP); NISHI TAKASHI (JP); (+6)
EC:
IPC: C01G56/00 ; G21C19/48 ; (+4)
Publication info: **DE3772220D** - 1991-09-26
- 26 Uranium hexafluoride purification process**
Inventor: BETHUEL LOUIS; AUBERT JACQUES; (+1)
EC:
IPC: C01G43/06 ; G21C19/48 ; (+1)
Publication info: **DE3361741D** - 1986-02-20
- 27 METHOD OF NUCLEAR FUEL FLUORIZATION REPROCESSING**
Inventor: GORBUNOV VLADIMIR F; NOVOSELOV GEORGIJ P; (+1)
EC:
IPC: G21C19/48
Publication info: **SU871221** - 1981-10-07
- 28 METHOD AND DEVICE FOR DRY TREATMENT OF IRRADIATED NUCLEAR FUEL**
Inventor: MANEVI ZHORZH; RU ZHAN-PER; (+1)
EC:
IPC: G21C19/48
Publication info: **SU791271** - 1980-12-23
- 29 Molten salt electrolysis of nuclear waste**
Inventor: FUJITA REIKO (JP); KONDO NARUHITO (JP)
EC: G21F9/30; C22B60/02A4; (+1)
IPC: C25C3/34 ; G21C19/48 ; (+1)
Publication info: **GB2341396** - 2000-03-15
- 30 TECHNETIUM SEPARATION**
Inventor: EAVES CHRISTOPHER JOHN (GB)
EC: G21C19/48; C07F13/00B; (+1)
IPC: G21F9/10 ; G21C19/48
Publication info: **WO9963549** - 1999-12-09

RESULT LIST

103 results found in the Worldwide database for:

G21C19/48 as the IPC classification

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31 Process to remove rare earths from spent nuclear fuel

Inventor:

Applicant:

EC:

IPC: G21C19/48 ; G21C19/46 ; (+1)

Publication info: **JP11505329T** - 1999-05-18

32 Defective uranium oxide-based fuel pellet recycling

Inventor: JUNG YOUN HO; KIM JONG HUN; (+2)

Applicant: KOREA ATOMIC ENERGY RES (KR)

EC: G21C3/62B; C01G43/025; (+1)

IPC: G21C3/62 ; G21C19/48 ; (+3)

Publication info: **FR2765383** - 1998-12-31

33 Reprocessing method of ceramic nuclear fuels in low-melting nitrate molten salts

Inventor:

Applicant:

EC:

IPC: G21C19/48

Publication info: **JP49047796** - 1974-05-09

34 VERFAHREN ZUR AUFARBEITUNG VON PULVERFOERMIGEN, KERAMISCHEN KERNBRENNSTOFFABFAELLEN

Inventor: HENKE MANFRED (DD)

Applicant: ADW DDR (DD)

EC:

IPC: G21C19/48

Publication info: **DD204563** - 1983-11-30

35 METHOD OF NUCLEAR FUEL PYROCHEMICAL REGENERATION

Inventor: DUBROVIN OLEG N (RU); ORLOV VIKTOR V (RU); (+4)

Applicant: NI I K I ENERGOTEKHNIKI (RU)

EC:

IPC: G21C19/48

Publication info: **RU2079909** - 1997-05-20

36 FLUORINATION

Inventor: FIELDS MARK (GB)

Applicant: BRITISH NUCLEAR FUELS PLC (GB); FIELDS MARK (GB)

EC: G21C19/48; C01G43/06B2; (+1)

IPC: G21C19/48 ; C22B60/02 ; (+1)

Publication info: **WO9727595** - 1997-07-31

37 Pyroelectrochemical process for reprocessing irradiated nuclear fuels

Inventor:

Applicant: AGIP NUCLEARE SPA

EC: C25B1/00; G21C19/48; (+1)

IPC: G21C19/42 ; C25B1/00 ; (+2)

Publication info: **NL7902228** - 1980-09-23

38 Dissolution of zirconium-containing fuel elements

Inventor:

Applicant: ATOMIC ENERGY COMMISSION

EC:

IPC: C22B61/04 ; G21C19/48

Publication info: **NL140569B** - 1973-12-17

39 Method of cleaning a spent fuel assembly

Inventor: CHUNG DONG K (US); JONES JR CHARLES E (US)

Applicant: ROCKWELL INTERNATIONAL CORP (US)

EC: G21F9/00B

IPC: B08B9/02 ; G21C19/48

Publication info: **US4828760** - 1989-05-09

40 Process for the separation of coated nuclear fuel particles from a graphitic matrix and installation for implementing the process

Inventor: KLEINE-VENNEKATE GERD (DE); BOELINGEN JOHANN (DE); (+2)

Applicant: KERNFORSCHUNGSANLAGE JUELICH (DE)

EC: G21C19/36

IPC: G21C19/44 ; G21C19/48 ; (+1)

Publication info: **US4687600** - 1987-08-18

RESULT LIST

103 results found in the Worldwide database for:

G21C19/48 as the IPC classification

(Results are sorted by date of upload in database)

- 41 Method for reprocessing and separating spent nuclear fuels**
Inventor: KRIKORIAN OSCAR H (US); GRENS JOHN Z (US); (+1) Applicant: KRIKORIAN OSCAR H (US); GRENS JOHN Z (US); (+1)
EC: C01B21/06F12; G21C19/48 IPC: C01G56/00 ; C01G43/00 ; (+2)
Publication info: **US4399108** - 1983-08-16
- 42 Molten tin reprocessing of spent nuclear fuel elements**
Inventor: HECKMAN RICHARD A Applicant: US ENERGY
EC: G21C19/48 IPC: G21C19/48
Publication info: **US4392995** - 1983-07-12
- 43 Treatment of fuel pellets**
Inventor: HOYT RICHARD C Applicant: ROCKWELL INTERNATIONAL CORP
EC: G21C3/60; G21C3/62B; (+1) IPC: G21C19/48
Publication info: **US4331618** - 1982-05-25
- 44 Recovery of nuclear fuel material**
Inventor: BATEY WILLIAM; MILLS ALFRED L; (+1) Applicant: ATOMIC ENERGY AUTHORITY UK
EC: C21D1/00; G21C19/34; (+1) IPC: G21C19/48
Publication info: **US4248836** - 1981-02-03
- 45 Nuclear fuel reprocessing apparatus**
Inventor: NAKANISHI TAKENORI; YOSHIKAWA YUJI; (+1) Applicant: ISHIKAWAJIMA HARIMA HEAVY IND
EC: G21C19/48 IPC: G21C19/48 ; G21C19/44
Publication info: **US4225560** - 1980-09-30
- 46 METHOD OF PROCESSING NUCLEAR FUELS**
Inventor: AVOGADRO A; WURM J Applicant: EURATOM
EC: G21C19/48 IPC: G21C19/48
Publication info: **US3708267** - 1973-01-02
- 47 METHOD OF PROCESSING NUCLEAR FUEL BY SELECTIVE CIF FLUORINATION WITH SEPARATION OF UF6 AND PUF4**
Inventor: PIERINI GIANCARLO; COENEN FRANCOIS; (+5) Applicant: ATOMIC ENERGY COMMISSION
EC: C01G43/06B2; G21C19/48 IPC: G21C19/48 ; C01G1/00 ; (+1)
Publication info: **US3429669** - 1969-02-25
- 48 A method of separating trivalent actinides and rare earth elements**
Inventor: WATANABE MASAYUKI; KOMA YOSHIKAZU; (+1) Applicant: DORYOKURO KAKUNENRYO (JP)
EC: C22B3/00D2M2P4; C22B59/00; (+2) IPC: G21C19/48
Publication info: **GB2305291** - 1997-04-02
- 49 Helical conveyors for the transport of spent radioactive fuel**
Inventor: CAGIN RAYMOND; KERLAU DANIEL; (+4) Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR); SGN SOC GEN TECH NOUVELLE (FR)
EC: B65G27/02; G21C19/44 IPC: B65G27/02 ; G21C19/48
Publication info: **GB2222810** - 1990-03-21
- 50 Apparatus and method for reprocessing and separating spent nuclear fuels**
Inventor: KRIKORIAN OSCAR HAROLD; GRENS JOHN ZOLVAH; (+2) Applicant: US ENERGY
EC: G21C19/48; C01B21/06F12 IPC: G21C19/48 ; C01B21/06
Publication info: **GB2113901** - 1983-08-10

RESULT LIST

103 results found in the Worldwide database for:

G21C19/48 as the IPC classification

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- 51 METHOD FOR THE RECOVERY OF ACTINIDE ELEMENTS FROM NUCLEAR REACTOR WASTE**
Inventor: Applicant: US ENERGY
EC: C01F17/00B; C01G56/00B; (+6) IPC: G21C19/48
Publication info: **GB2011697** - 1979-07-11
- 52 Recovery of Actinide Metals from their Carbides**
Inventor: Applicant: EURATOM
EC: C22B5/04; C22B5/16; (+4) IPC: C22B60/02 ; B01D3/14 ; (+1)
Publication info: **GB2006829** - 1979-05-10
- 53 METHOD OF RELEASING FISSION GASES FROM IRRADIATED NUCLEAR FUEL**
Inventor: Applicant: EXXON NUCLEAR CO INC
EC: G21C19/48; G21F9/30 IPC: G21C19/48
Publication info: **GB1593323** - 1981-07-15
- 54 NUCLEAR FUEL SEPARATION**
Inventor: Applicant: AGIP NUCLEARE SPA
EC: G21C19/48 IPC: G21C19/48
Publication info: **GB1545875** - 1979-05-16
- 55 PRESSED SPHERICAL FUEL ELEMENTS OF GRAPHITE FOR HIGH-TEMPERATURE NUCLEAR REACTORS**
Inventor: Applicant: HOBEG HOCHTEMPERATURREAKTOR
EC: G21C3/28 IPC: G21C3/04 ; G21C19/36 ; (+2)
Publication info: **GB1482439** - 1977-08-10
- 56 APPARATUS FOR EFFECTING CHLORINATION**
Inventor: Applicant: KERNFORSCHUNGSANLAGE JUELICH
EC: G21C19/48 IPC: G21C19/48 ; F27D11/02
Publication info: **GB1353766** - 1974-05-22
- 57 NUCLEAR FUEL PROCESSING**
Inventor: Applicant: ANDERSON R N; PARLEE N A
EC: G21C19/48 IPC: G21C19/48
Publication info: **GB1323474** - 1973-07-18
- 58 Method for reprocessing spent nuclear fuels**
Inventor: FUMIO IWAMOTO; MOTOMASA FUJISO; (+1) Applicant: JGC CORP (JP)
EC: G21F9/06 IPC: G21C19/48 ; G21F9/00
Publication info: **FR2675617** - 1992-10-23
- 59 Process for separating by means of crown ethers the uranium and plutonium present in an aqueous medium resulting from the reprocessing of irradiated nuclear fuels**
Inventor: FOOS JACQUES; EPHERRE PIERRE; (+6) Applicant: COGEMA (FR)
EC: G21F9/04 IPC: G21C19/48
Publication info: **FR2633090** - 1989-12-22
- 60 Process for separating the technetium contained in an organic solvent comprising zirconium and at least one other metal such as uranium or plutonium, especially for use in reprocessing irradiated nuclear fuels.**
Inventor: GUE JEAN-PAUL; BERNARD CLAUDE; (+1) Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR); SGN SOC GEN TECH NOUVELLE (FR)
EC: C01G56/00B; C01G57/00B; (+5) IPC: C01G57/00 ; C01G25/00 ; (+4)
Publication info: **FR2607823** - 1988-06-10

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103 results found in the Worldwide database for:

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(Results are sorted by date of upload in database)

- 61 Process for the recovery of acid organophosphorus compounds and/or organophosphate ions present in an aqueous solution**
Inventor: CHESNE ANDRE; GERMAIN MICHEL; (+2) Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR)
EC: G21F9/06 IPC: G21F9/06 ; G21C19/48
Publication info: **FR2606202** - 1988-05-06
- 62 Sampling from liquid - liquid extraction columns**
Inventor: LONIE SUSAN JEAN; THOMPSON PETER JAMES Applicant: ATOMIC ENERGY AUTHORITY UK (GB)
EC: B01D11/04K2; G01N1/20B IPC: G01N1/10 ; B01D11/04 ; (+1)
Publication info: **FR2573869** - 1986-05-30
- 63 Process for the separation of neptunium**
Inventor: MORITA YASUJI; KUBOTA MASUMITSU Applicant: JAPAN ATOMIC ENERGY RES INST (JP)
EC: C01G56/00B; G21C19/46; (+1) IPC: C01G56/00 ; B01D11/04 ; (+1)
Publication info: **FR2573061** - 1986-05-16
- 64 Process for vitrifying active radioactive waste**
Inventor: CAO SILVIO; RISOLUTI PIETRO Applicant: AGIP NUCLEARE SPA (IT)
EC: G21F9/30B2D IPC: G21C19/48
Publication info: **FR2509900** - 1983-01-21
- 65 Process for the reprocessing of irradiated nuclear fuels**
Inventor: COQUERELLE MICHEL; KOCH LOTHAR; (+1) Applicant: EURATOM (LU)
EC: G21C19/48 IPC: G21C19/48
Publication info: **FR2508692** - 1982-12-31
- 66 Method for improved decomposition of metal nitrate solutions**
Inventor: HAAS PAUL A; STINES WILLIAM B Applicant: US ENERGY (US)
EC: C01F15/00; C01F17/00F; (+4) IPC: G21C3/62 ; G21C19/48 ; (+2)
Publication info: **FR2498364** - 1982-07-23
- 67 NUCLEAR FUEL REPROCESSING APPARATUS**
Inventor: Applicant: ISHIKAWAJIMA HARIMA HEAVY IND (JP)
EC: G21C19/48 IPC: G21C19/48
Publication info: **FR2358728** - 1978-02-10
- 68 METHOD OF PROCESSING OXIDE NUCLEAR FUEL**
Inventor: FIELDS MARK (GB); WILSON PETER DAVID (GB) Applicant: BRITISH NUCLEAR FUELS PLC (GB); FIELDS MARK (GB); (+1)
EC: C01G43/01; C22B60/02A4; (+2) IPC: G21C19/48 ; C22B60/02 ; (+1)
Publication info: **WO9632729** - 1996-10-17
- 69 EQUIPMENT FOR REPROCESSING OF CERAMIC NUCLEAR FUEL**
Inventor: VINOGRADOV G M; USENKO YU A Applicant: VINOGRADOV G M; USENKO YU A
EC: IPC: G21C19/44 ; G21C19/48
Publication info: **SU1340444** - 1995-04-30
- 70 METHOD FOR RECOVERY OF HIGHLY ENRICHED ARMAMENT URANIUM AND ITS ALLOYS INTO FUEL FOR NUCLEAR REACTORS**
Inventor: KORNILOV VITALIJ F (RU); KNUTAREV ANATOLIJ P (RU); (+4) Applicant: URAL ELEKTROKHIMICHESKIJ KOM (RU)
EC: IPC: G21C19/42 ; G21C19/48
Publication info: **RU2057377** - 1996-03-27

RESULT LIST

103 results found in the Worldwide database for:

G21C19/48 as the IPC classification

(Results are sorted by date of upload in database)

- 71 Procédé de purification des combustibles nucléaires.**
Inventor: AVOGADRO ALESSANDRO; KRAWCZYNSKI STEFAN Applicant: EURATOM
EC: C01G43/025; G21C19/48 IPC: G21C19/48
Publication info: **OA773** - 1967-11-15
- 72 Process for getting gaseous ruthenium onto polyvinylpyridine, in particular useful for the recuperation of radioactive ruthenium from irradiated nuclear fuels.**
Inventor: FOOS JACQUES (FR); LEMAIRE MARC (FR); (+5) Applicant: COGEMA (FR)
EC: C22B11/02; C22B61/00; (+1) IPC: C22B3/00 ; C22B11/02 ; (+1)
Publication info: **EP0559536** - 1993-09-08
- 73 METHOD OF EXTRACTING AND SEPARATING SPENT SOLVENT GENERATED IN NUCLEAR FUEL CYCLE**
Inventor: KONDO KAORU (JP); OKADA TAKASHI (JP) Applicant: DORYOKURO KAKUNENRYO (JP)
EC: G21F9/06 IPC: G21C19/42 ; G21C19/48
Publication info: **DE4126943** - 1992-02-20
- 74 VERFAHREN ZUM BEHADELN VON HOCHRADIOAKTIVEM ABFALL**
Verfahren zum Behandeln eines hochradioaktiven Abfalls
Inventor: HORIE MISATO (JP) Applicant: DORYOKURO KAKUNENRYO (JP)
EC: G21F9/32 IPC: G21C19/48
Publication info: **DE4002316** - 1990-08-02
- 75 Recoverable immobilization of transuranic elements in sulfate ash**
Inventor: GREENHALGH WILBUR O (US) Applicant: WESTINGHOUSE ELECTRIC CORP (US)
EC: G21F9/30 IPC: G21F9/16 ; G21C19/48
Publication info: **DE3328108** - 1984-06-07
- 76 Verfahren zur Abtrennung von Urandioxid von einem Metall- oder Metallegierungsteil**
Inventor: GLEZERMAN JOSEF; REZNIK SZMUEL DR Applicant: GLEZERMAN JOSEF; REZNIK SZMUEL DR
EC: C25B1/00; G21C19/38 IPC: C25B1/00 ; G21C19/48
Publication info: **DE2908138** - 1980-09-11
- 77 Process for separating fission product molybdenum from an irradiated target material**
Inventor: PACKARD DOUGLAS RANDALL (US); LEVIN HARRY ALBERT (US); (+1) Applicant: GEN ELECTRIC
EC: B01D7/00; G01N30/00; (+1) IPC: G21C19/48
Publication info: **DE2806502** - 1978-08-24
- 78 Fluidized bed reactor for working up carbon coated particles**
Inventor: SIMON WOLFGANG DIPL ING; MARSCHOLLEK MICHAEL ING GRAD; (+1) Applicant: NUKEM GMBH
EC: B01J8/18G; G21C19/48 IPC: B01J8/24 ; G21C19/48
Publication info: **DE2721182** - 1978-11-23
- 79 Process for the treatment of organic wastes**
Inventor: SALOMON LOUIS (BE); ESCHRICH HUBERT (BE); (+1) Applicant: EUROP POUR LE TRAITEMENT CHIMI
EC: G21C19/46; G21F9/06 IPC: G21C19/48
Publication info: **DE2540311** - 1976-03-25
- 80 Method for improving the extraction properties of a tributyl phosphate solution**
Inventor: MARTIN EARL CHIAFULLO (US); BRUNS LESTER EVERETT (US) Applicant: US ATOMIC ENERGY COMMISSION WA
EC: C07F9/02K; C07F9/11; (+1) IPC: G21C19/48 ; C01G56/00 ; (+1)
Publication info: **DE2504786** - 1975-09-11

RESULT LIST

103 results found in the Worldwide database for:
G21C19/48 as the IPC classification
(Results are sorted by date of upload in database)

- 81 PROCESS FOR DISSOLVING SODIUM,POTASSIUM AND THEIR ALLOYS**
Inventor: Applicant:
EC: G21C19/48 IPC: G21C19/48
Publication info: **DE2045093** - 1971-03-18
- 82 SELECTIVE REDUCTION OF PUF6**
Inventor: MANEVY GEORGES Applicant: COMMISSARIAT ENERGIE ATOMIQUE
EC: C01G56/00F4; G21C19/48 IPC: G21C19/48
Publication info: **DE1592248** - 1970-11-05
- 83 Sintering UO2 and oxidation of UO2 with microwave radiation**
Inventor: Applicant: BABCOCK & WILCOX CO
EC: G21C3/62B IPC: G21C3/62 ; G21C19/48
Publication info: **NL8202953** - 1983-02-16
- 84 METHOD FOR RECOVERING URANIUM AS URANIUM HEXAFLUORIDE**
Inventor: Applicant:
EC: G21C19/48 IPC: G21C19/48
Publication info: **NL6903400** - 1969-09-11
- 85 No English title available**
Inventor: Applicant:
EC: G21C3/28; G21C19/44; (+1) IPC: G21C3/28 ; G21C19/48
Publication info: **NL6809089** - 1968-12-30
- 86 No English title available**
Inventor: Applicant:
EC: C22B60/00; G21C19/42; (+2) IPC: C22B ; G21C19/48
Publication info: **NL6807015** - 1968-11-20
- 87 REPROCESSING METHOD OF SPENT NUCLEAR FUEL ELEMENT**
Inventor: ITO KUNIO Applicant: NIPPON NUCLEAR FUEL DEV
EC: IPC: G21C19/34 ; G21C19/48
Publication info: **JP3140898** - 1991-06-14
- 88 RECOVERY OF ACTINIDES**
Inventor: RIROI FURANSHISU GURANSAMU Applicant: ROCKWELL INTERNATIONAL CORP
EC: IPC: G21C19/48
Publication info: **JP3123896** - 1991-05-27
- 89 METHOD OF REMOVING AMERICIUM FROM PLUTONIUM OXIDE**
Inventor: OMICHI TOSHIHIKO; NOMURA SUEO; (+1) Applicant: JAPAN ATOMIC ENERGY RES INST
EC: IPC: C01G56/00 ; G21C19/48 ; (+1)
Publication info: **JP61035397** - 1986-02-19
- 90 QUANTITATIVE ANALYSIS OF DIBUTYL HYDROGENPHOSPHATE AND MONOBUTYL DIHYDROGENPHOSPHATE IN NUCLEAR FUEL RE-TREATMENT SOLVENT**
Inventor: SHIGA SHUJIRO; NAGATA HIDEO; (+1) Applicant: SUMITOMO CHEMICAL CO
EC: IPC: G01N30/06 ; G01N31/00 ; (+1)
Publication info: **JP63005262** - 1988-01-11

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RESULT LIST

103 results found in the Worldwide database for:

G21C19/48 as the IPC classification

(Results are sorted by date of upload in database)

- 91 PRETREATMENT IN QUANTITATIVE ANALYSIS OF DIBUTYL HYDROGENPHOSPHATE IN NUCLEAR FUEL RE-TREATMENT SOLVENT**
Inventor: SHIGA SHUJIRO; NAGATA HIDEO; (+1) Applicant: SUMITOMO CHEMICAL CO
EC: IPC: G01N30/06 ; G01N31/00 ; (+1)
Publication info: **JP63005261** - 1988-01-11
- 92 TEISANKAJOTAINIARUAKUCHINIDONOSEISEIHOHO**
Inventor: FUUBERUTO GORUTOATSUKAA; HERUMUUTO SHUMIIDAA; (+1) Applicant: KERNFORSCHUNG GMBH GES FUER
EC: IPC: C01G43/02 ; C01G57/00 ; (+3)
Publication info: **JP51064411** - 1976-06-03
- 93 CHUSHUTSUZAINO JUMYOENCHOHOOHO**
Inventor: HERUMUUTO SHUMIIDAA; RUUDOITSUHI SHUTEIIGURITSUTSU Applicant: KERNFORSCHUNG GMBH GES FUER
EC: IPC: B01D11/04 ; G21C19/48
Publication info: **JP51065297** - 1976-06-05
- 94 PHYSICAL AND CHEMICAL METHOD OF CLEANING INSIDE WALL OF REACTOR**
Inventor: MISHIERU PERO; MISHIERU JIYAKOU Applicant: PECHINEY UGINE KUHLMANN
EC: IPC: B08B7/00 ; G21C19/48
Publication info: **JP53030481** - 1978-03-22
- 95 METHOD OF SEPARATING AND RETRIEVING AMERICIUM AND RARE EARTH ELEMENTS**
Inventor: NEMOTO SHINICHI; KOBAYASHI HIROAKI; (+1) Applicant: DORYOKURO KAKUNENRYO
EC: IPC: G21C19/48
Publication info: **JP53024997** - 1978-03-08
- 96 DENITRATING APPARATUS FOR URANYL NITRATE AND/OR PLUTONIUM NITRATE**
Inventor: TANAKA AKIRA; ONOSHITA TOSHIO; (+1) Applicant: MITSUBISHI METAL CORP
EC: IPC: C01G43/00 ; C01G56/00 ; (+1)
Publication info: **JP57196724** - 1982-12-02
- 97 VOLUME REDUCTION TREATING METHOD AND DEVICE FOR SPENT FUEL**
Inventor: FUJIMORI HARUO; UETAKE NAOTO; (+2) Applicant: HITACHI LTD
EC: IPC: B01J2/00 ; G21C19/48 ; (+1)
Publication info: **JP60211394** - 1985-10-23
- 98 METHOD OF REMOVING IMPURITY FROM SOLVENT**
Inventor: UETAKE NAOTO; HASHIMOTO HARUO; (+3) Applicant: HITACHI LTD
EC: IPC: G21C19/48
Publication info: **JP63221298** - 1988-09-14
- 99 METHOD OF DISMANTLING SPENT FUEL ROD FOR NUCLEAR REACTOR**
Inventor: MARUCHIN PEESU Applicant: KRAFTWERK UNION AG
EC: IPC: G21C19/48
Publication info: **JP56151395** - 1981-11-24
- 100 PROCESS FOR REDUCING PLUTONIUM**
Inventor: NEMOTO SHINICHI; IKEDA SATOSHI; (+2) Applicant: DORYOKURO KAKUNENRYO
EC: IPC: C01G56/00 ; C22B60/04 ; (+2)
Publication info: **JP53124200** - 1978-10-30

RESULT LIST

103 results found in the Worldwide database for:

G21C19/48 as the IPC classification

(Results are sorted by date of upload in database)

101 METHOD OF REPROCESSING IRRADIATED NUCLEAR FUEL

Inventor: JIYOBANNI BURANBITSURA; ADERUMO
SARUTORETSURI

Applicant: AGIP NUCLEARE SPA

EC:

IPC: C01G43/01 ; C01G56/00 ; (+1)

Publication info: **JP55122198** - 1980-09-19

102 METHOD OF TREATING NUCLEAR FUEL SCRAP

Inventor: KURISUTOFUAA KUOCHII U; HEMANTO
HERARARU SHIYAA

Applicant: WESTINGHOUSE ELECTRIC CORP

EC:

IPC: G21C19/48

Publication info: **JP60170797** - 1985-09-04

103 SOLVENT DETERIORATION MONITOR

Inventor: SEKI HIDEJI

Applicant: NIPPON ATOMIC IND GROUP CO; TOKYO
SHIBAURA ELECTRIC CO

EC:

IPC: G21C19/48

Publication info: **JP63172997** - 1988-07-16

Data supplied from the **esp@cenet** database - Worldwide

RESULT LIST

6 results found in the Worldwide database for:

G21C19/48 as the ECLA classification AND **ionic** in the title or abstract

(Results are sorted by date of upload in database)

1 Treatment of molten salt reprocessing wastes

Inventor: PITNER WILLIAM ROBERT (GB); FIELDS MARK (GB); (+3)

Applicant: BRITISH NUCLEAR FUELS PLC (GB)

EC: C01D3/18; C01D15/04; (+2)

IPC: C01D3/18

Publication info: **US6468495** - 2002-10-22

2 ELECTROREFINING PROCESS FOR SEPARATING METALS

Inventor: PITNER WILLIAM ROBERT (GB); SMART NEIL GRAHAM (GB); (+10)

Applicant: BRITISH NUCLEAR FUELS PLC (GB); PITNER WILLIAM ROBERT (GB); (+11)

EC: C25C3/34; C22B3/00A6; (+3)

IPC: C25C7/00 ; C25C3/34 ; (+1)

Publication info: **W002066712** - 2002-08-29

3 Ionic liquids as solvents

Inventor: GORDON CHARLES MACKINTOSH (GB); FIELDS MARK (GB); (+2)

Applicant: BRITISH NUCLEAR FUELS PLC (US)

EC: C01G43/00; C01G56/00F; (+1)

IPC: C22B60/02 ; C22B60/04

Publication info: **US6379634** - 2002-04-30

4 PROCESS FOR RECYCLING IONIC LIQUIDS

Inventor: THIED R C (GB); JEAPES A J (GB); (+5)

Applicant: BRITISH NUCLEAR FUELS PLC (GB); THIED R C (GB); (+6)

EC: G21C19/48

IPC: G21F9/00

Publication info: **W00115175** - 2001-03-01

5 PROCESS FOR SEPARATING METALS

Inventor: PITNER WILLIAM ROBERT (GB); HEBDITCH DAVID (GB); (+4)

Applicant: BRITISH NUCLEAR FUELS PLC (GB); PITNER WILLIAM ROBERT (GB); (+5)

EC: C25C3/34; C22B60/02A6B6; (+3)

IPC: G21C19/48 ; C25C1/22

Publication info: **W00113379** - 2001-02-22

6 NUCLEAR FUEL REPROCESSING

Inventor: PITNER WILLIAM ROBERT (GB); ROONEY DAVID WILLIAM (GB); (+2)

Applicant: BRITISH NUCLEAR FUELS PLC (GB); PITNER WILLIAM ROBERT (GB); (+3)

EC: G21C19/48; C07F5/00B; (+1)

IPC: G21C19/48 ; G21C3/58 ; (+1)

Publication info: **W09941752** - 1999-08-19

(all
sk'd.)

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29/
30

RESULT LIST

10 results found in the Worldwide database for:

G21C19/48 as the ECLA classification AND **recycle or recycles or recycled or recycling** in the title or abstract
(Results are sorted by date of upload in database)

- 1 **Improvements in or relating to processes for the production of uranium oxide**
Inventor: AVERY RONALD GEORGE; GIBSON ALLAN ROBERT; (+1) Applicant: ATOMIC ENERGY AUTHORITY UK
EC: C01G43/025; G21C19/48 IPC:
Publication info: **GB889307** - 1962-02-14
- 2 **Large-scale manufacturing process for separating uranium, plutonium and fission products by chlorination**
Inventor: Applicant: ARISZTID LAJOS HORVATH
EC: C01G56/00F4; G21C19/48; (+1) IPC:
Publication info: **GB1056802** - 1967-02-25
- 3 **PROCESS FOR RECYCLING IONIC LIQUIDS**
Inventor: THIED R C (GB); JEAPES A J (GB); (+5) Applicant: BRITISH NUCLEAR FUELS PLC (GB); THIED R C (GB); (+6)
EC: G21C19/48 IPC: G21F9/00
Publication info: **W00115175** - 2001-03-01
- 4 **IMPROVEMENTS IN AND RELATING TO PROCESSING MATERIALS**
Inventor: GILCHRIST PAUL (GB); COX TERENCE MARTIN (GB); (+1) Applicant: BRITISH NUCLEAR FUELS PLC (GB); GILCHRIST PAUL (GB); (+2)
EC: C22B60/02A4; B01D59/34; (+1) IPC: C22B60/02 ; C01G43/06 ; (+5)
Publication info: **W00042229** - 2000-07-20
- 5 **Electrorefining cell with parallel electrode/concentric cylinder cathode**
Inventor: GAY EDDIE C (US); LAIDLER JAMES J (US); (+1) Applicant: US ARMY (US)
EC: C22B60/02A4; C22B60/04; (+3) IPC: C25D17/00 ; C25C3/00 ; (+1)
Publication info: **US5650053** - 1997-07-22
- 6 **Salt transport extraction of transuranium elements from lwr fuel**
Inventor: PIERCE R DEAN (US); ACKERMAN JOHN P (US); (+3) Applicant: US ENERGY (US)
EC: C22B60/02A4; G21C19/48 IPC: C22B60/00
Publication info: **US5160367** - 1992-11-03
- 7 **Magnesium transport extraction of transuranium elements from LWR fuel**
Inventor: ACKERMAN JOHN P (US); BATTLES JAMES E (US); (+3) Applicant: US ENERGY (US)
EC: C22B60/02A4; G21C19/48 IPC: C22B60/02
Publication info: **US5147616** - 1992-09-15
- 8 **Pyroelectrochemical process for reprocessing irradiated nuclear fuels**
Inventor: SARTORELLI ADELMO; BRAMBILLA GIOVANNI Applicant: AGIP NUCLEARE SPA
EC: C25B1/00; G21C19/48; (+1) IPC: C25C1/22
Publication info: **US4297174** - 1981-10-27
- 9 **Pyrochemical separation of plutonium from irradiated nuclear fuels, by thermal decomposition in molten nitrates**
Inventor: BRAMBILLA GIOVANNI; CAPORALI GIACOMO Applicant: AGIP NUCLEARE SPA
EC: G21C19/48 IPC: C01G56/00
Publication info: **US4092397** - 1978-05-30
- 10 **METHOD OF PROCESSING NUCLEAR FUEL BY SELECTIVE CIF FLUORINATION WITH SEPARATION OF UF6 AND PUF4**
Inventor: Applicant:
EC: C01G43/06B2; G21C19/48 IPC:
Publication info: **GB1198454** - 1970-07-15

(all
ok'd.)